

DEXTER ELECTRONIC MATERIALS DIV -- HYSOL HD5009 CATALYST 9 -- 7510-01-036-3724
===== Product Identification =====

Product ID:HYSOL HD5009 CATALYST 9

MSDS Date:08/27/1991

FSC:7510

NIIN:01-036-3724

MSDS Number: BGGRP

=== Responsible Party ===

Company Name:DEXTER ELECTRONIC MATERIALS DIV

Address:15051 E DON JULIAN RD

Box:1282

City:INDUSTRY

State:CA

ZIP:91749-1282

Country:US

Info Phone Num:818-968-65

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Emergency Phone Num:818-916-9107

Preparer's Name:RICHARD L. HALL

CAGE:04347

=== Contractor Identification ===

Company Name:DEXTER CORP DEXTER ELECTRONIC MATERIALS DIV

Address:15051 E DON JULIAN RD

Box:City:LA PUENTE

State:CA

ZIP:91746

Country:US

Phone:818-968-6511

CAGE:12405

Company Name:DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV

Address:211 FRANKLIN ST.

Box:City:OLEAN

State:NY

ZIP:14760-1297

Country:US

Phone:716-372-6300/6309

CAGE:04347

===== Composition/Information on Ingredie

nts =====

Ingred Name:TETRAETHYLENEPENTAMINE

CAS:112-57-2

RTECS #:KH8585000

Fraction by Wt: 35-60%

Ingred Name:2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER), BUTYL
CELLOSOLVE, BUTYL GLYCOL, GLYCOL ETHER EB

CAS:111-76-2

RTECS #:KJ8575000

Fraction by Wt: 35-60%

Other REC Limits:25 PPM (SKIN)

OSHA PEL:50 PPM (SKIN)

ACGIH TLV:25 PPM (SKIN)

Ingred Name:VOLATILE ORGANIC COMPOUNDS: 417 G/L (3.48 LB/GL)

RTECS #:9999999VO

===== Hazards Identification =====

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LD50 LC50 Mixture:ORAL LD50 (RAT): 470 MG/KG (SEE SUPP)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION, CORNEAL
INJURY, PERMANENT VISION IMPAIRMENT, BLINDNESS. SKIN: BURNS,
ALLERGIC REACTION, ABSORPTION LEADING TO DEATH. INHALATION: UPPER
RESPIRATORY IRRITATION & SENSITIZATION, IN VITRO MUTAGENICITY &
BLOOD, LUNG, LIVER & KIDNEY EFFECTS. INGESTION: GI

IRRITATION/ULCERATION, MOUTH & THROAT BURNS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, BURNS, SENSITIZATION

===== First Aid Measures =====

First Aid:EYES: FLUSH W/PLENTY OF WATER AT LEAST 30 MINS. SKIN: FLUSH
W/PLENTY OF WATER AT LEAST 15 MINS. INHALATION: REMOVE TO FRESH
AIR. ADMINISTER OXYGEN/CPR IF NEEDED. INGESTION: FOR TETRAETHYLENE
PENTAMINE , DON'T INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER
TO DI

LUTE. FOR ETHYLENE GLYCOL MONOBUTYL ETHER, INDUCE VOMITING IF
LARGE AMOUNTS ARE INGESTED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Flash Point Method:SCC

Flash Point:175F

Extinguishing Media:CO2, FOAM, DRY CHEMICALS

Fire Fighting Procedures:PERSONNEL ENGAGED IN FIGHTING FIRES SHOULD
WEAR SCBA.

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Accidental Release Measures
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Spill Release Procedures:REMOVE IGNITION SOURCES. PROVIDE
ADEQUATE

VENTILATION. COVER W/ABSORBENT MATERIAL & REMOVE TO WASTE
CONTAINER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN CLOSED CONTAINERS IN A COOL
DRY AREA AWAY FROM HEAT. USE ONLY W/ADEQUATE VENTILATION.

Other Precautions:AVOID PROLONGED/REPEATED BREATHING OF VAPORS/CONTACT
W/SKIN.

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Exposure Controls/Personal Protection
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Respiratory Protection:WEAR PROPERLY FITTED NIOSH/MSHA APPR
OVED

SCBA/INDUSTRIAL TYPE CANISTER MASK IN ENCLOSED AREAS W/POOR/NO
VENTILATION SYSTEM.

Ventilation:LOCAL EXHAUST IS PREFERRED, MECHANICAL ACCEPTABLE.

Protective Gloves:HYDROCARBON INSOLUBLE RUBBER/PLASTIC

Eye Protection:CHEMICAL GOGGLES, FACE SPLASH SHIELD

Other Protective Equipment:SAFETY GLASSES, HYDROCARBON INSOLUBLE
APRONS, EYE WASH, SAFETY SHOWER

Work Hygienic Practices:REMOVE & LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE. DESTROY CONTAMINATED SHOES.

Supplemental Safety and

Health

ORAL LD50 DATA GIVEN FOR ETHYLENE GLYCOL MONOBUTYL ETHER.

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:300F

Spec Gravity:0.95

Appearance and Odor:LIGHT AMBER LIQUID W/MILD AMINE ODOR

Percent Volatiles by Volume:50/WT

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURE, OPEN FLAMES

Hazardous Decomposition Products:CO, CO2

, OXIDES OF NITROGEN

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE &
LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

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